

McHenry County Department of Health 2015-16 Influenza Surveillance

October 4th, 2015 – May 21st, 2016 (Weeks 40 – 20)

The McHenry County Department of Health annually conducts influenza surveillance through two different systems. The first system is based on weekly reporting of sentinel healthcare sites of rapid test-positive influenza cases (Figure 1a) and number of clients seen with influenza-like illness (ILI) (Figure 1b), which is defined as a fever $\geq 100^{\circ}\text{F}$ and cough and/or sore throat in the absence of a known cause other than influenza (note: all cases of ILI were reported by sentinel sites, not just ER cases). The second system is a daily reporting of school absenteeism and absenteeism due to ILI (figure 2).

Figure 1a. Percent of Rapid Influenza Tests that are Positive at McHenry County Sentinel HealthCare Sites

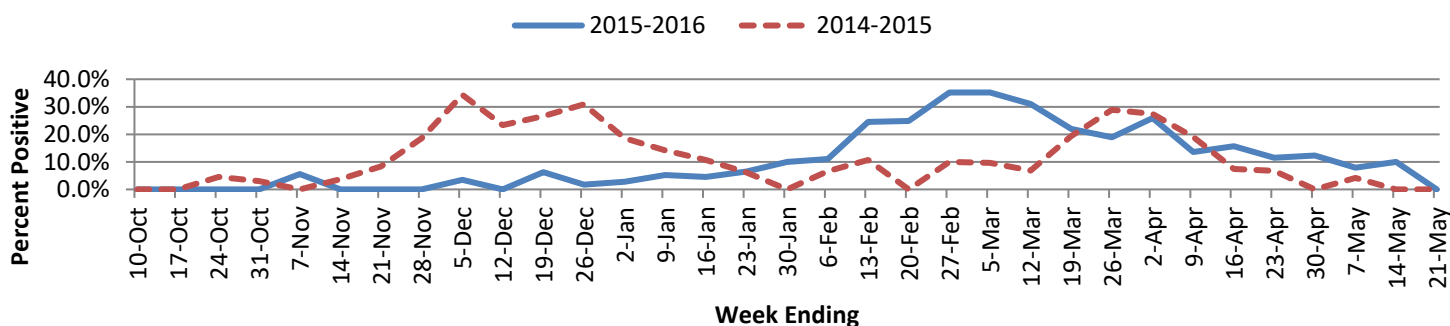


Figure 1b. Percent of Patient Visits for Influenza-Like Illness at McHenry County Sentinel Healthcare Sites

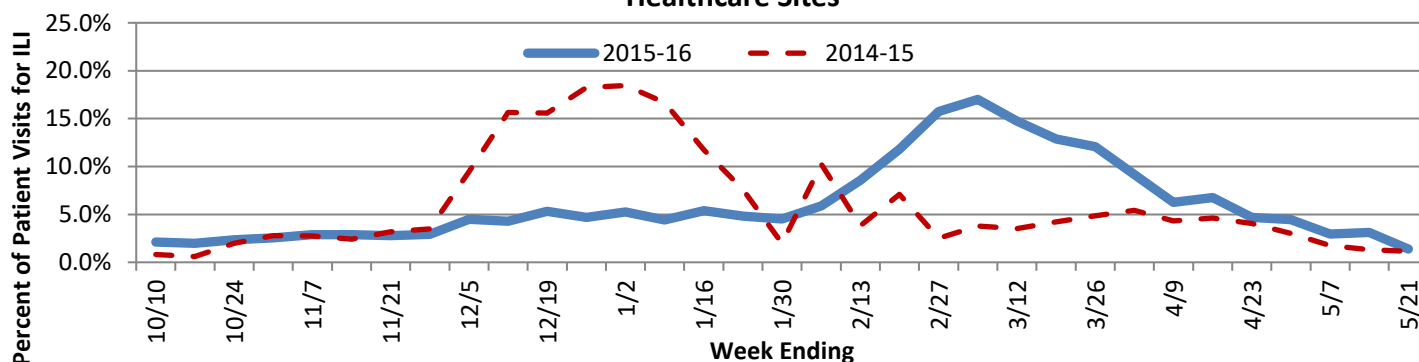
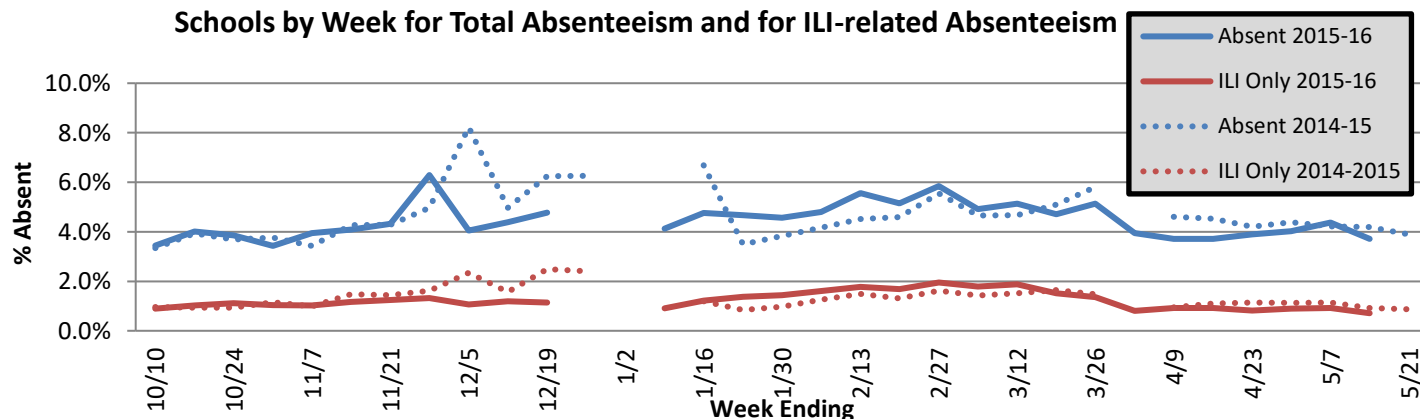


Figure 2. School Surveillance Average Daily Absenteeism Rate for All Reporting Schools by Week for Total Absenteeism and for ILI-related Absenteeism

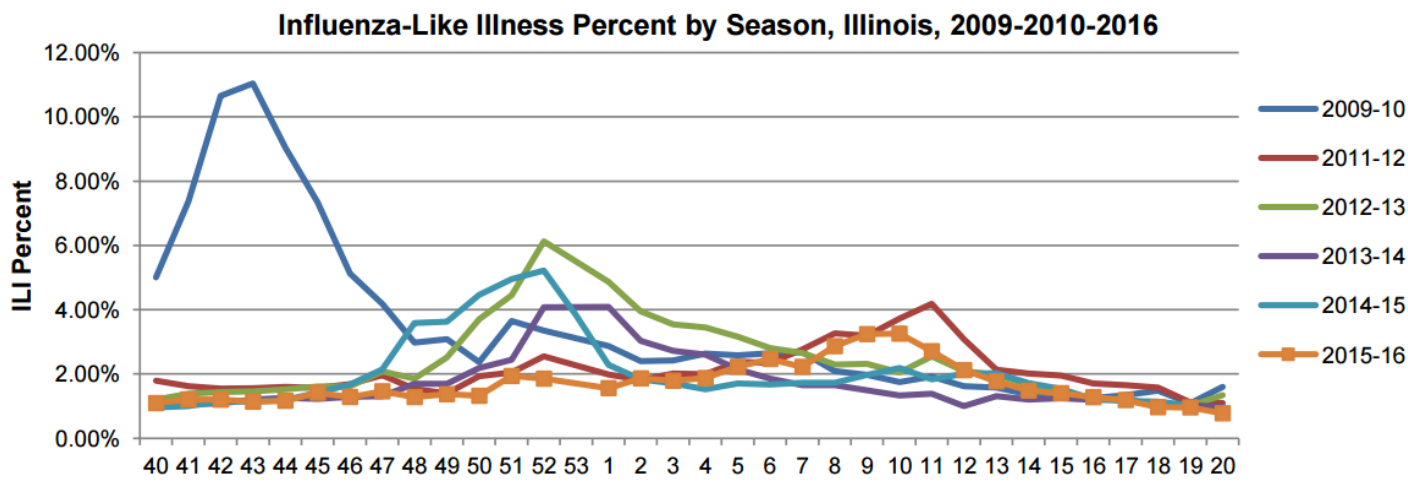


For **National Influenza Surveillance**, visit the US Centers for Disease Control and Prevention Influenza Surveillance website at: <http://www.cdc.gov/flu/weekly/>

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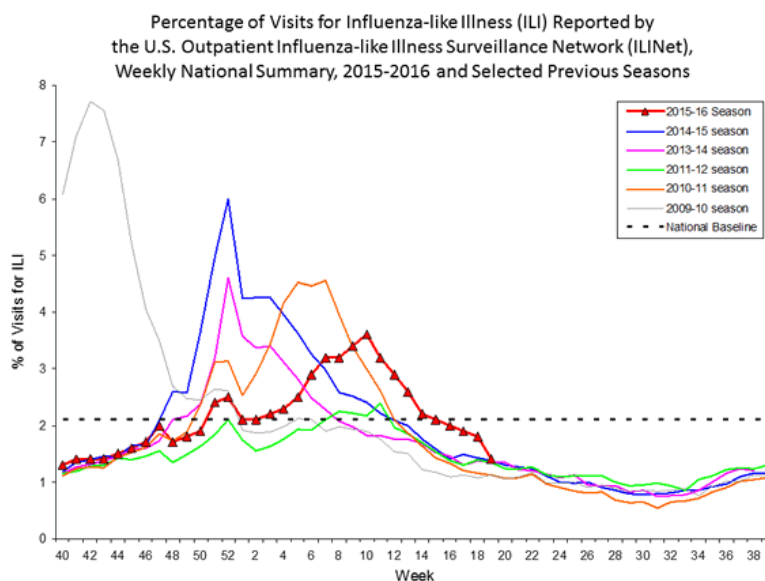
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The state of Illinois reports flu activity on a weekly basis from sentinel hospitals throughout the state. For more information on Influenza in the state of Illinois please see <http://www.dph.illinois.gov/topics-services/diseases-and-conditions/influenza/surveillance>



FluView: Weekly U.S. Influenza Surveillance Report: Summary (Week 20 ending 05/21/2016) (<http://www.cdc.gov/flu/weekly/>)

- During week 20, influenza decreased in the United States.
- The percent of specimens testing positive was 6.3%. Of the specimens testing positive for influenza, 31.5% were influenza A and 68.5% were influenza B. The prevailing strain of Influenza A is H1N1.
- During week 20 the proportion of outpatient visits for ILI was 1.3% which is below the national baseline of 2.1%.
- The proportion of deaths attributed to pneumonia and influenza was 6.0% for week 18 which was below the national epidemic threshold of 7.1% for week 18.
- Two additional influenza-associated pediatric death was reported to CDC during week 19. A total of 70 pediatric influenza related deaths were reported in the 2015-2016 flu season. Additional data can be found at: <http://gis.cdc.gov/GRASP/Fluview/PedFluDeath.html>.



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